



Spectrum Test Report

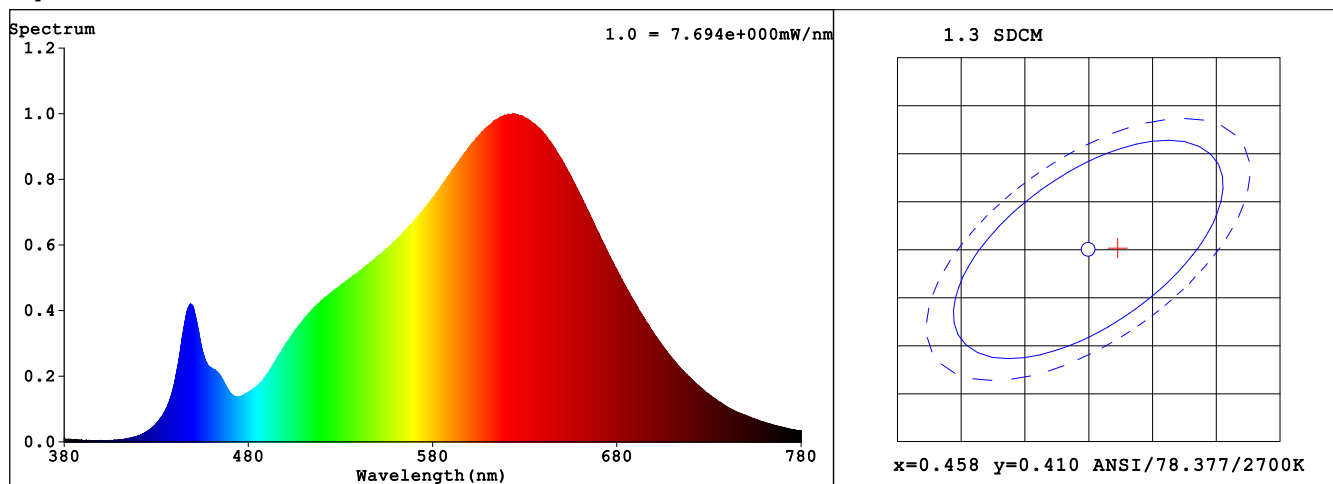
Sample : BUDDY SILICONE 8w 3D
Specification : 21.AB10.9317.03
Sample No. : 1
Manufacturer : IDEA ILUMINACIÓN S.A.
Assessor
Remark : 1M
Device SN : HS-2000

Date : 2025-01-15 20:18:28
Sam. Status : Finished product test
Standard :
Instrument : HaasSuite(EVERFINE)
Specs : CINTA DE LED BUDDY
SILICONE 6W 8X8MM
X5M 3D 24V 2700K IP67,
BLT
RH : 60.0%
IP : 53172 (81%)
T : 495 ms

Test Condition

Temprature : 25Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4601$ $y = 0.4103$ / $u' = 0.2628$ $v' = 0.5273$ ($duv = -1.48e-04$)

CCT= 2694K Prcp WL: $L_d = 584.3\text{nm}$ Purity=61.3%

Peak WL: $L_p = 623\text{nm}$ FWHM: $= 146.6\text{nm}$ Ratio: $R = 26.3\%$ $G = 71.5\%$ $B = 2.2\%$

Render Index: $R_a = 91.9$ CRI = 88.9 TM30: $R_f = 91$ $R_g = 101$

EEL: 0.17558 A

R1 =92 R2 =95 R3 =97 R4 =92 R5 =92 R6 =95 R7 =91
R8 =80 R9 =56 R10=88 R11=94 R12=83 R13=93 R14=98 R15=88
LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 352.58 lm Eff. : 59.41 lm/W $F_e = 1.2393\text{ W}$

Electrical parameters

$V = 24.00\text{ V}$ $I = 0.2473\text{ A}$ $P = 5.935\text{ W}$ PF = 1.000 F=0.00 Hz